

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Applicant:** MEIJI MILK PRODUCTS CO., LTD.

**Title:** PEPTIDE-BASED IMMUNOTHERAPEUTIC AGENT

**Appl. No.:** 09/308,027

**Filing Date:** August 16, 1999

**Examiner:** Phuong Huynh

**Art Unit:** 1644

Honorable Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**ASSOCIATE POWER OF ATTORNEY**

Sir:

We hereby appoint the practitioners named below as Associate Practitioners in this case:

Chalin A. Smith  
Smith Patent Consulting, LLC  
P.O. Box 2726  
(703) 549-7691  
Alexandria, VA 22301  
Reg. No. 41,569.

We hereby grant the Associated Practitioners the power to prosecute the application identified above and to transact all business in the United States Patent and Trademark Office connected therewith. However, the Associate Practitioners are expressly not granted the power to appoint another attorney. MPEP § 402.02.

Please maintain the correspondence address as:

Fish & Richardson P.C.  
225 Franklin Street  
Boston, MA 02110-2804

The undersigned is an authorized representative for Assignee of Record of the entire interest. Statement under 37 CFR 3.73(b) is enclosed herewith.

Respectfully submitted,

Date: October 10, 2003

3-6, Kyobashi 2-chome, Chuo-ku  
Tokyo 104-8381, Japan

By Shigetaro Asano  
Shigetaro Asano  
President and Chief Executive Officer

**STATEMENT UNDER 37 CFR 3.73(b)**

Applicant/Patent Owner: Meiji Milk Products Co., Ltd

Application No./Patent No.: 09/308,027 Filed/Issue Date: August 16, 1999

Entitled: PEPTIDE-BASED IMMUNOTHERAPEUTIC AGENT

Meiji Milk Products Co., Ltd, a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.  
The extent (by, percentage) of its ownership interest is      %

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 010244, Frame 0191, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From:                      To :                       
The document was recorded in the United States Patent and Trademark Office at Reel       , Frame       , or for which a copy thereof is attached.

2. From:                      To :                       
The document was recorded in the United States Patent and Trademark Office at Reel       , Frame       , or for which a copy thereof is attached.

3. From:                      To :                       
The document was recorded in the United States Patent and Trademark Office at Reel       , Frame       , or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ Copies of assignments or other documents in the chain of title are attached.

**[NOTE:** A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.8]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

October 10, 2003  
Date

Shigetaro Asano  
Typed or printed name

Shigetaro Asano  
Signature

President and Chief Executive Officer

Title

02501/031



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

DECEMBER 02, 1999

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\*101151080A\*

FISH & RICHARDSON P.C.  
JANIS K. FRASER, PH.D., J.D.  
225 FRANKLIN STREET  
BOSTON, MASSACHUSETTS 02110-280

**FISH & RICHARDSON, P.C.**  
**BOSTON OFFICE**

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 08/16/1999

REEL/FRAME: 010244/0191  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

SONE, TOSHIO

DOC DATE: 07/15/1999

ASSIGNOR:

KUME, AKINORI

DOC DATE: 07/12/1999

ASSIGNOR:

DAIRIKI, KAZUO

DOC DATE: 07/12/1999

ASSIGNOR:

KINO, KOHSUKE

DOC DATE: 07/12/1999

ASSIGNEE:

MEIJI MILK PRODUCTS CO., LTD.  
3-6, KYOBASHI 2-CHOME, CHUO-KU  
TOKYO 104-8381, JAPAN

SERIAL NUMBER: 09308027  
PATENT NUMBER:

FILING DATE: 08/16/1999  
ISSUE DATE:

• No Docketing Required •	
Reviewed By Practice Systems	
Initials:	<i>[Signature]</i>
Reviewed By Billing Secretary	
Initials:	

010244/0191 PAGE 2

ALLYSON PURNELL, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

09-22-1999

Attorney Docket N .: 06501/031001

REC

:ET

8-16-99



Assistant Commissioner for Patents: Ple

101151080

ent.

1. Name of conveying party(ies):  
**Toshio Sone, Akinori Kume, Kazuo Dairiki  
 and Kohsuke Kino**

Additional name(s) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies):  
**Meiji Milk Products Co., Ltd.  
 3-6, Kyobashi 2-chome, Chuo-ku  
 Tokyo 104-8381 Japan**

Additional names/addresses attached? ☐ Yes ☒ No

3. Nature of conveyance:  
☒ Assignment  
☐ Merger  
☐ Security Agreement  
☐ Change of Name  
☐ Other:

Execution Date: **Toshio Sone, July 15, 1999;  
 Akinori Kume, Kazuo Dairiki and Kohsuke Kino,  
 July 12, 1999**

09308027

4. Application number(s) or patent number(s):  
 If this document is being filed with a new application, the execution date of the application is:  
 A. Patent Application No.(s):  
**09/308,027**

B. Patent No.(s):

Additional numbers attached? ☐ Yes ☒ No

5. Name/address of party to whom correspondence  
 concerning document should be mailed:

**Janis K. Fraser, Ph.D., J.D.  
 Fish & Richardson P.C.  
 225 Franklin Street  
 Boston, MA 02110-2804**

6. Total number of applications/patents involved: **1**

7. Total fee (37 CFR 3.41): **\$40**  
☒ Enclosed  
☐ Authorized to charge deposit account

8. Deposit account number: **06-1050**  
 If the fee above is being charged to deposit  
 account, a duplicate copy of this cover sheet is  
 attached. Please apply any additional charges, or  
 any credits, to our Deposit Account No. 06-1050.

DO NOT USE THIS SPACE

9. Statement and signature: *To the best of my knowledge and belief, the foregoing information is true and correct and the attached is the original document.*

**Janis K. Fraser, Ph.D., J.D.**

Name of Person Signing

Signature

Date

8/16/99

Total number of pages including cover sheet, attachments, and document: **3**

"EXPRESS MAIL" Mailing Label Number **EL445371912US**

Date of Deposit **Aug 16, 1999**  
 I hereby certify under 37 CFR 1.10 that this correspondence is being  
 deposited with the United States Postal Service as "Express Mail  
 Post Office To Addressee" with sufficient postage on the date  
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 Patents, Washington, D.C. 20231.

**Kristy Cioffi**  
**Kristy Cioffi**

08/20/1999 PVOLPE 00000081 09308027

03 FC:581

40.00 OP

## ASSIGNMENT

For valuable consideration, we, Toshio Sone, of Kanagawa, Japan; Akinori Kume of Kanagawa, Japan; Kazuo Dairiki of Kanagawa, Japan; and Kohsuke Kino of Kanagawa, Japan, hereby assign to Meiji Milk Products Co., Ltd., a Japanese corporation having a place of business at 3-6, Kyobashi 2-chome, Chuo-ku, Tokyo 104-8381 Japan, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest, including, without limitation, the right to sue for past infringement, throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled PEPTIDE-BASED IMMUNOTHERAPEUTIC AGENT, filed May 12, 1999, and assigned U.S. Serial Number 09/308,027, this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, and design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at Kanagawa, Japan,  
this 15 day of July, 1999  
Toshio Sone L.S.  
Toshio Sone

Witnessed by : Hiroshi Fujimoto  
Name : Hiroshi Fujimoto Date: 19, July, 1999

Witnessed by : Richard Walton  
Name : Richard Walton Date: 19, July, 1999

IN WITNESS WHEREOF, I hereto set my hand and seal at Kanagawa, Japan,  
this 12 day of July, 1999

Akinori Kume L.S.  
Akinori Kume

Witnessed by : Hiroshi Fujimoto  
Name : Hiroshi Fujimoto Date: 19, July, 1999

Witnessed by : Richard Walton  
Name : Richard Walton Date: 19, July, 1999

IN WITNESS WHEREOF, I hereto set my hand and seal at Kanagawa, Japan,  
this 12 day of July, 1999

Kazuo Dairiki L.S.  
Kazuo Dairiki

Witnessed by : Hiroshi Fujimoto  
Name : Hiroshi Fujimoto Date: 19, July, 1999

Witnessed by : Richard Walton  
Name : Richard Walton Date: 19, July, 1999

IN WITNESS WHEREOF, I hereto set my hand and seal at Kanagawa, Japan,  
this 12 day of July, 1999

Kohsuke Kino L.S.  
Kohsuke Kino

Witnessed by : Hiroshi Fujimoto  
Name : Hiroshi Fujimoto Date: 19, July, 1999

Witnessed by : Richard Walton  
Name : Richard Walton Date: 19, July, 1999